

## **Curriculum Vitae**

**Mark R. Martinez**  
**Special Agent**  
**Computer Forensic Agent**

### **Office Information**

Department of Homeland Security  
Immigration and Customs Enforcement  
Homeland Security Investigations  
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El Paso, Texas 79902  
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Email: mark.r.martinez@ice.dhs.gov  
Employment Date: 01/17/2010

### **Education**

University of Texas at El Paso  
El Paso, Texas  
Bachelors of Science in Computer Science

### **Professional Training**

Federal Law Enforcement Training Center  
Customs and Border Protection  
United States Border Patrol Academy  
Patrol Agent Basic Training  
Training Date: March 2009

Federal Law Enforcement Training Center  
Immigration and Customs Enforcement  
Criminal Investigator Training Program  
Training Date: January 2010  
Federal Law Enforcement Training Center  
Immigration and Customs Enforcement  
Immigration and Customs Enforcement Special Agent Training Program  
Training Date: March 2010

Prerequisite Computer Evidence Recovery Training (PCERT)  
Treasury Computer Forensics Training Program  
Training Date: June 2011

Basic Computer Evidence Recovery Training (BCERT)  
Treasury Computer Forensics Training Program  
Training Date: June 2011

Forensic ToolKit BootCamp  
Vendor: Access Data  
Classroom Hours: 21  
Training Date: June 2011

### **Professional Certifications**

Institute of Electrical and Electronic Engineers (IEEE) Computer Software Development Associate (CSDA)  
CompTIA A+ Certified Professional IT Technician  
National Registry of Emergency Medical Technicians EMT

### **Employment**

Department of Homeland Security, Immigration and Customs Enforcement, Homeland Security Investigations  
Special Agent / Computer Forensics Agent

Department of Homeland Security, Customs and Border Protection, Border Patrol  
Patrol Agent

Science Applications International Corporation  
Simulation Engineer, Software Engineer, Programmer/Analyst

Expeditionary Technology  
Systems Engineer

Raytheon Pikewerks Corporation  
System Specialist 2-2 (Computer Security)

The University of Texas at El Paso  
System Administrator, Research Assistant, Teaching Assistant

White Sands Missile Range, Army Research Lab  
Computer Security Analyst

IBM Corporation  
Unix Product Test Engineer

### **Relevant Coursework**

Mechanics and Thermal Physics  
Fields and Waves  
Introduction To Computer Science – Basic Pascal Programming  
Programming and Algorithms – Pascal Programming  
Data Structures – Pascal and C Programming  
Automata Theory  
Assembly Language Programming (Intel 80x86)  
Computers of Generation Omega – Theory of Quantum Computing  
Advanced Java Programming  
Systems Programming – UNIX shell and administration programming  
Digital Systems Design I – Logic Circuit Design  
Introduction to Computer Architecture

Database Management  
Design and Implementation of Programming Languages  
Computer Science Research  
Problem Oriented Programming Languages – Fortran Programming  
Software Engineering: Requirements Engineering  
Networks - Computer Networks and Intranets  
Software Engineering: Design and Implementation  
Theory of Operating Systems  
Risk Analysis in Soft Computing  
Microprocessor Systems I  
Numerical Analysis – Numerical Computations with Fortran  
Advanced Computer Architecture\*  
Advanced Operating Systems (Distributed Systems)\*  
Logical Foundations of Computer Science\*  
Network Protocols\*  
Parallel and Concurrent Programming\*  
Systems Engineering\*

\*Designates graduate level course

### **Examinations**

In excess of 30 examinations of computers, cellular telephones, and other items of electronic/digital media.

### **Publications**

Fast Quantum Algorithms for Handling Probabilistic, Interval, and Fuzzy Uncertainty.  
Martinez, Mark; Luc Longpre, Vladik Kreinovich, Scott A. Starks: NASA Pan American  
Center for Earth and Environmental Sciences (PACES). University of Texas at El Paso,  
El Paso, TX 79968, USA. Hung T. Nguyen: Department of Mathematical Sciences. New  
Mexico State University, Las Cruces, NM 88003, USA. North American Fuzzy  
Information Processing Society (NAFIPS) 2003 Conference.